

for “computer,” and the use of different words should be understood as intended to improve the readability of the claims, and not to imply that a “server” is not a computer. Similarly, the various adjectives preceding the words “server” and “computer” in the claims are intended to improve readability, and should not be treated as limitations.

[0074] When used in the claims, “computer readable medium” should be understood to refer to any object, substance, or combination of objects or substances, capable of storing data or instructions in a form in which they can be retrieved and/or processed by a device. A computer readable medium should not be limited to any particular type or organization, and should be understood to include distributed and decentralized systems however they are physically or logically disposed, as well as storage objects of systems which are located in a defined and/or circumscribed physical and/or logical space. Examples of computer readable mediums including the following, each of which is an example of a non-transitory computer readable medium: volatile memory within a computer (e.g., RAM), registers, non-volatile memory within a computer (e.g., a hard disk), distributable media (e.g., CD-ROMs, thumb drives), and distributed memory (e.g., RAID arrays).

[0075] When used in the claims, to “configure” a computer should be understood to refer to providing the computer with specific data (which may include instructions) and/or making physical changes in the computer (e.g., adding peripherals) which can be used in performing the specific acts the computer is being “configured” to do. For example, installing Microsoft WORD on a computer “configures” that computer to function as a word processor, which it does using the instructions for Microsoft WORD in combination with other inputs, such as an operating system, and various peripherals (e.g., a keyboard, monitor, etc. . . .).

[0076] When used in the claims, “first,” “second” and other modifiers which precede nouns or noun phrases should be understood as being labels which are intended to improve the readability of the claims, and should not be treated as limitations. For example, references to a “first communication server” and a “second communication server” should not be understood as requiring that one of the recited servers precedes the other in time, priority, network location, or any other manner.

[0077] When used in the claims, “means for detecting and responding to current or incipient problems in wireless communications which could interfere with streaming of video data” should be understood as a means+function limitation as provided for in 35 U.S.C. § 112(f) in which the function is detecting and responding to current or incipient problems in wireless communications which could interfere with streaming of video data” and the corresponding structure is a computer configured to perform processes as illustrated in steps 301, 303, 304 305, 306, 309 and 310 of FIG. 3 and discussed in paragraphs 32-46, and 49.

[0078] When used in the claims, “self-contained means for capture and wireless transmission of video” should be understood as a means+function limitation as provided for in 35 U.S.C. § 112(f) in which the function is “capture and wireless transmission of video” and the corresponding structure is a self-contained hat brim enclosure with included components as illustrated in FIGS. 6-15 and described in paragraphs 26 and 62-67.

[0079] When used in the claims, a “set” should be understood to refer to a group of one or more things of similar nature, design or function. The words “superset” and “subset” should be understood as being synonyms of “set,” and the use of different words should be understood as intended to improve the readability of the claims, and not imply differences in meaning.

What is claimed is:

1. An enclosure for a video streaming system, wherein the enclosure comprises:

- (a) a case; and
- (b) video streaming components operable to capture and wirelessly stream video data;

wherein:

- (A) the video streaming components comprise a control module, a camera, a gyroscope, a power management system, a battery, and a radio;
- (B) the video streaming components are positioned within the case such that the video streaming components are fully enclosed by the case;
- (C) the case defines a recess configured to receive a brim of a hat such that the case is slidable onto the brim;
- (D) the camera is positioned vertically along a front portion of the enclosure;
- (E) the radio is positioned longitudinally along a top portion of the enclosure; and
- (F) the battery is positioned longitudinally along a bottom portion of the enclosure.

2. The enclosure of claim 1, wherein the case comprises an outer top case, an outer bottom case, and an interior case positioned between the outer top case and the outer bottom case.

3. The enclosure of claim 1, wherein the case is held onto the brim via a friction fit.

4. The enclosure of claim 1, wherein the recess is tapered such that the recess narrows from a front end of the recess to a rear end of the recess.

5. The enclosure of claim 1, wherein the enclosure has a length extending from a front portion of the enclosure to a back portion of the enclosure that is greater than a width of the enclosure extending laterally across the enclosure.

6. A method comprising:

- (a) affixing a portable video capture and transmission device to a hat bill, wherein:
 - (i) the hat bill is part of an official’s hat;
 - (ii) the portable video capture and transmission device comprises a camera, a wireless transmitter and a case;
 - (iii) affixing the portable video capture and transmission device to the hat bill comprises friction fitting the portable video capture and transmission device to the hat bill; and
 - (iv) all components of the portable video capture and transmission device are fully enclosed by the case;
- (b) after wirelessly streaming video from the portable video capture and transmission device for a first period of time, replacing the portable video capture and transmission device by performing steps comprising:
 - (i) removing the portable video capture and transmission device from the hat bill; and
 - (ii) affixing a new portable video capture and transmission device to the hat bill;